BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Amruthahalli and

Item No:	1	
Item Name:	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
Date of Measurement:- 11/09/2020 to 14/09/2020								
RCC DRAIN								
AMRUTHALLI								
Padma Tent Road(North side)								
	0.00	24.40	1	24.40	1.10	1.10	29.52	
	24.40	33.70	1	9.30	cross road			
	33.70	63.70	1	30.00	1.10	1.10	36.30	
	63.70	91.30	1	27.60	1.10	1.10	33.40	
Padma Tent Road(South side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	79.90	1	19.90	1.10	1.10	24.08	
1st cross road (East side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	143.10	1	23.10	1.10	1.10	27.95	
1st cross road(West side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	

Contractor

Junior/Assistant Engineer

Assistant Executive Engineer

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	150.00	156.10	1	6.10	1.10	1.10	7.38
2nd cross road(East side)							
	0.00	30.00	1	30.00	1.10	1.10	36.30
	30.00	60.00	1	30.00	1.10	1.10	36.30
	60.00	90.00	1	30.00	1.10	1.10	36.30
	90.00	120.00	1	30.00	1.10	1.10	36.30
	120.00	143.40	1	23.40	1.10	1.10	28.31
2nd Cross road(West Side)							
	0.00	30.00	1	30.00	1.10	1.10	36.30
	30.00	60.00	1	30.00	1.10	1.10	36.30
	60.00	90.00	1	30.00	1.10	1.10	36.30
	90.00	120.00	1	30.00	1.10	1.10	36.30
	120.00	150.00	1	30.00	1.10	1.10	36.30
	150.00	150.40	1	0.40	1.10	1.10	0.48
3rd Cross road(East Side)							
	0.00	16.00	1	16.00	1.10	1.10	19.36
	16.00	24.00	1	8.00	cross road		
	24.00	54.00	1	30.00	1.10	1.10	36.30
	54.00	84.00	1	30.00	1.10	1.10	36.30
	84.00	114.00	1	30.00	1.10	1.10	36.30
	114.00	144.00	1	30.00	1.10	1.10	36.30
	144.00	157.50	1	13.50	1.10	1.10	16.34
3rd Cross Road (West Side)							
	0.00	30.00	1	30.00	1.10	1.10	36.30
	30.00	60.00	1	30.00	1.10	1.10	36.30
	60.00	90.00	1	30.00	1.10	1.10	36.30
	90.00	120.00	1	30.00	1.10	1.10	36.30
	120.00	144.30	1	24.30	1.10	1.10	29.40
1st A Cross Road (North Side)							
	0.00	30.00	1	30.00	1.10	1.10	36.30
	30.00	30.30	1	0.30	1.10	1.10	0.36
	30.30	38.80	1	8.50	cross road		
	38.80	68.80	1	30.00	1.10	1.10	36.30
	68.80	70.50	1	1.70	1.10	1.10	2.06
1st A Cross Road (South Side)							
	0.00	30.00	1	30.00	1.10	1.10	36.30
	30.00	60.00	1	30.00	1.10	1.10	36.30

Contractor

Junior/Assistant Engineer

Assistant Executive Engineer

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	60.00	83.10	1	23.10	1.10	1.10	27.95	
Kashinagar (North Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	210.00	1	30.00	1.10	1.10	36.30	
	210.00	240.00	1	30.00	1.10	1.10	36.30	
	240.00	270.00	1	30.00	1.10	1.10	36.30	
	270.00	282.20	1	12.20	1.10	1.10	14.76	
Perpendicular Road (West Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	49.80	1	19.80	1.10	1.10	23.96	
1st Parallel Road (South Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	170.10	1	20.10	1.10	1.10	24.32	
1st Parallel Road (North Side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	120.00	1	30.00	1.10	1.00	33.00	
	120.00	150.00	1	30.00	1.10	1.00	33.00	
	150.00	168.20	1	18.20	1.10	1.00	20.02	
2nd Parallel Road (South Side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	71.20	1	11.20	1.10	1.00	12.32	
2nd Parallel Road (North Side)								
	0.00	30.00	1	30.00	1.00	1.00	30.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	CEFC
	60.00	71.00	1	11.00	1.10	1.00	12.10	

unior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

Perpendicular Road (West Side)								
	0.00	15.60	1	15.60	1.10	1.00	17.16	
	15.60	21.20	1	5.60	cross road			
	21.20	35.80	1	14.60	1.10	1.00	16.06	
Hoysala Layout								
2nd Cross Road (North side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	54.50	1	24.50	1.10	1.00	26.95	
2nd Cross Road (South side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	51.90	1	21.90	1.10	1.00	24.09	
3rd Cross Road (North side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	53.70	1	23.70	1.10	1.00	26.07	
3rd Cross Road (South side)								
	0.00	30.00	1	30.00	1.00	1.00	30.00	
	30.00	54.30	1	24.30	1.00	1.00	24.30	
4th Cross Road (North side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	51.20	1	21.20	1.10	1.00	23.32	
4th Cross Road (South side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	49.60	1	19.60	1.10	1.00	21.56	
Perpendicular Road (West side)								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	62.80	1	2.80	1.10	1.00	3.08	
Perpendicular Road (East side)								
	0.00	28.40	1	28.40	1.10	1.00	31.24	
Gangamma Layout 2nd Cross Road								
	0.00	30.00	1	30.00	1.10	1.00	33.00	
	30.00	60.00	1	30.00	1.10	1.00	33.00	
	60.00	90.00	1	30.00	1.10	1.00	33.00	
	90.00	105.60	1	15.60	1.10	1.00	17.16	
Sahakara Nagara 9th cross road								
	0.00	23.00	1	23.00	1.10	1.00	25.30	
RCC CULVERT								

Junior/Assistant Engineer

Assistant Executive Engineer

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DATE OF MEASUREMENT :- 17/09/2020.

Padma Tent Road								
	0.00	7.60	1	7.60	1.40	1.00	10.64	
Kashinagar								
	0.00	3.10	1	3.10	1.40	1.00	4.34	
	0.00	5.60	1	5.60	1.40	1.00	7.84	
						Total Qty Work Done	**3029.59**	
						Qty Payable in this bill	**3030.74**	
						Qty Limited to	**3029.59**	**Cum**

Contractor

Assistant Engineer
Yelahanka Project

Project Management Consultants

17/9/2020

Asst.Executive Engineer
Yelahanka Project

Junior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Amruthahalli and surroundings

Ward No - 07

Item No:	2	
Item Name:	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
Date of Measurement:- 15/09/2020 to 29/09/2020.								
RCC DRAIN								
AMRUTHALLI								
Padma Tent Road(North side)								
	0.00	24.40	1	24.40	1.10	0.15	4.03	
	24.40	33.70	1	9.30	cross road			
	33.70	63.70	1	30.00	1.10	0.15	4.95	
	63.70	91.30	1	27.60	1.10	0.15	4.55	
Padma Tent Road(South side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	79.90	1	19.90	1.10	0.15	3.28	
1st cross road (East side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	143.10	1	23.10	1.10	0.15	3.81	
1st cross road(West side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0,15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	156.10	1	6.10	1.00	0.15	0.91	

Junior/Assistant engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
2nd cross road(East side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	143.40	1	23.40	1.10	0.15	3.86	
2nd Cross road(West Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	150.40	1	0.40	1.10	0.15	0.07	
3rd Cross road(East Side)								
	0.00	16.00	1	16.00	1.10	0.15	2.64	
	16.00	24.00	1	8.00	cross road			
	24.00	54.00	1	30.00	1.10	0.15	4.95	
	54.00	84.00	1	30.00	1.10	0.15	4.95	
	84.00	114.00	1	30.00	1.10	0.15	4.95	
	114.00	144.00	1	30.00	1.10	0.15	4.95	
	144.00	157.50	1	13.50	1.10	0.15	2.23	
3rd Cross Road (West Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	144.30	1	24.30	1.10	0.15	4.01	
1st A Cross Road (North Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	30.30	1	0.30	1.10	0.15	0.05	
	30.30	38.80	1	8.50	cross road			
	38.80	68.80	1	30.00	1.10	0.15	4.95	
	68.80	70.50	1	1.70	1.10	0.15	0.28	
1st A Cross Road (South Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	83.10	1	23.10	1.00	0.15	3.47	
Kashinagar (North Side)								

Junior/Assistant engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L (m)	B (m)	D (m)	QTY	unit
	Land Mark							
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	210.00	1	30.00	1.10	0.15	4.95	
	210.00	240.00	1	30.00	1.10	0.15	4.95	
	240.00	270.00	1	30.00	1.10	0.15	2.01	
	270.00	282.20	1	12.20	1.10	0.15		
Perpendicular Road (West Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	49.80	1	19.80	1.10	0.15	3.27	
1st Parallel Road (South Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	170.10	1	20.10	1.00	0.15	3.02	
1st Parallel Road (North Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	168.20	1	18.20	1.00	0.15	2.73	
2nd Parallel Road (South Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	71.20	1	11.20	1.00	0.15	1.68	
2nd Parallel Road (North Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	71.00	1	11.00	1.00	0.15	1.65	
Perpendicular Road (East Side)								
	0.00	15.60	1	15.60	1.00	0.15	2.34	
	15.60	21.20	1	5.60	cross road			

Junior/Assistant engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	21.20	35.80	1	14.60	1.00	0.15	2.19	
Hoysala Layout								
2nd Cross Road (North side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	54.50	1	24.50	1.00	0.15	3.68	
2nd Cross Road (South side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	51.90	1	21.90	1.00	0.15	3.29	
3rd Cross Road (North side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	53.70	1	23.70	1.00	0.15	3.56	
3rd Cross Road (South side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	54.30	1	24.30	1.00	0.15	3.65	
4th Cross Road (North side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	51.20	1	21.20	1.00	0.15	3.18	
4th Cross Road (South side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	49.60	1	19.60	1.00	0.15	2.94	
Perpendicular Road (West side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	62.80	1	2.80	1.00	0.15	0.42	
Perpendicular Road (East side)								
	0.00	28.40	1	28.40	1.00	0.15	4.26	
Gangamma Layout 2nd Cross Road								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.00	0.15	4.50	
	90.00	105.60	1	15.60	1.00	0.15	2.34	
Sahakara Nagara 9th cross road								
	0.00	23.00	1	23.00	1.00	0.15	3.45	
RCC CULVERT								

Junior/Assistant engineer

Assistant Executive Engineer

Scanned by TapScanner

5.00	CHANGE Land Work	m3	1 (1)	1 (1)	1 (1)			
			Pradhan Tent Road					
	1.00	7.00	1	7.00	1.40	0.25	1.85	
			Kanhinagar					
	1.00	3.30	3	3.01	1.40	0.25	1.65	
	1.00	5.60	1	5.60	1.40	0.25	1.30	
						Total Qty Work Done	404.75	
						Qty Payable in this bill	404.50	
						Qty Considered	404.75	Cum

Contractor

Project Management Consultants

Assistant Engineer
Vedabunka Project

Asst Executive Engineer
Vedabunka Project

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Amruthahalli and surroundings Ward No : 07

Item Name	3
	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well mixed for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete exeluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
Date of Measurement:-	13/10/2020			20/10/2020		21/10/2020		
	RCC DRAIN Raft						22/10/2020	
	AMRUTHALLI							
	Padma Tent Road(North side)							
	0.00	24.40	1	24.40	1.10	0.15	4.03	
	24.40	33.70	1	9.30	cross road			
	33.70	63.70	1	30.00	1.10	0.15	4.95	
	63.70	91.30	1	27.60	1.10	0.15	4.55	
	Padma Tent Road(South side)							
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	79.90	1	19.90	1.10	0.15	3.28	
	1st cross road (East side)							
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	

Junior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	143.10	1	23.10	1.10	0.15	3.81	
1st cross road(West side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	156.10	1	6.10	1.10	0.15	1.01	
2nd cross road(East side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	143.40	1	23.40	1.10	0.15	3.86	
2nd Cross road(West Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	150.40	1	0.40	1.10	0.15	0.07	
3rd Cross road(East Side)								
	0.00	16.00	1	16.00	1.10	0.15	2.64	
	16.00	24.00	1	8.00	cross road			
	24.00	54.00	1	30.00	1.10	0.15	4.95	
	54.00	84.00	1	30.00	1.10	0.15	4.95	
	84.00	114.00	1	30.00	1.10	0.15	4.95	
	114.00	144.00	1	30.00	1.10	0.15	4.95	
	144.00	157.50	1	13.50	1.10	0.15	2.23	

Junior/Assistant Engineer

Assistant Executive Engineer

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S.NO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
3rd Cross Road (West Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	144.30	1	24.30	1.10	0.15	4.01	
1st A Cross Road (North Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	30.30	1	0.30	1.10	0.15	0.05	
	30.30	38.80	1	8.50	cross road			
	38.80	68.80	1	30.00	1.10	0.15	4.95	
	68.80	70.50	1	1.70	1.10	0.15	0.28	
1st A Cross Road (South Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	83.10	1	23.10	1.00	0.15	3.47	
Kashinagar (North Side)								
	0.00	30.00	1	30.00	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	0.15	4.95	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	210.00	1	30.00	1.10	0.15	4.95	
	210.00	240.00	1	30.00	1.10	0.15	4.95	
	240.00	270.00	1	30.00	1.10	0.15	4.95	
	270.00	282.20	1	12.20	1.10	0.15	2.01	
Perpendicular Road (West Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	

Junior/Assistant Engineer

Assistant Executive Engineer

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SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	30.00	49.80	1	19.80	1.00	0.15	2.97	
1st Parallel Road (South Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.00	0.15	4.50	
	90.00	120.00	1	30.00	1.00	0.15	4.50	
	120.00	150.00	1	30.00	1.00	0.15	4.50	
	150.00	170.10	1	20.10	1.00	0.15	3.02	
1st Parallel Road (North Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.00	0.15	4.50	
	90.00	120.00	1	30.00	1.00	0.15	4.50	
	120.00	150.00	1	30.00	1.00	0.15	4.50	
	150.00	168.20	1	18.20	1.00	0.15	2.73	
2nd Parallel Road (South Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	71.20	1	11.20	1.00	0.15	1.68	
2nd Parallel Road (North Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	71.00	1	11.00	1.00	0.15	1.65	
Perpendicular Road (East Side)								
	0.00	15.60	1	15.60	1.00	0.15	2.34	
	15.60	21.20	1	5.60	cross road			
	21.20	35.80	1	14.60	1.00	0.15	2.19	
Hoysala Layout								

C&F
J.K. 30/10/2020

Junior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
2nd Cross Road (North side)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	54.50	1	24.50	0.90	0.15	3.31	
2nd Cross Road (South side)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	51.90	1	21.90	0.90	0.15	2.96	
3rd Cross Road (North side)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	53.70	1	23.70	0.90	0.15	3.20	
3rd Cross Road (South side)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	54.30	1	24.30	0.90	0.15	3.28	
4th Cross Road (North side)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	51.20	1	21.20	0.90	0.15	2.86	
4th Cross Road (South side)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	49.60	1	19.60	0.90	0.15	2.65	
Perpendicular Road (West side)								
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	60.00	1	30.00	0.90	0.15	4.05	
	60.00	62.80	1	2.80	0.90	0.15	0.38	
Perpendicular Road (East side)								
	0.00	28.40	1	28.40	0.90	0.15	3.83	
Gangamma Layout 2nd Cross Road								
	0.00	30.00	1	30.00	0.90	0.15	4.05	

Junior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	30.00	60.00	1	30.00	0.90	0.15	4.05	
	60.00	90.00	1	30.00	0.90	0.15	4.05	
	90.00	105.60	1	15.60	0.90	0.15	2.11	
Sahakara Nagara 9th cross road								
	0.00	23.00	1	23.00	1.00	0.15	3.45	
RCC CULVERT								
Padma Tent Road								
	0.00	7.60	1	7.60	1.20	0.20	1.82	
Kashinagar								
	0.00	3.10	1	3.10	1.00	0.20	0.62	
	0.00	5.60	1	5.60	1.00	0.20	1.12	
RCC DRAIN Wall								
AMRUTHALLI								
Padma Tent Road(North side)								
	0.00	24.40	2	24.40	0.15	0.55	4.03	
	24.40	33.70	2	9.30	cross road			
	33.70	63.70	2	30.00	0.15	0.58	5.22	
	63.70	91.30	2	27.60	0.15	0.58	4.80	
Padma Tent Road(South side)								
	0.00	30.00	2	30.00	0.15	0.58	5.22	
	30.00	60.00	2	30.00	0.15	0.58	5.22	
	60.00	79.90	2	19.90	0.15	0.60	3.58	
1st cross road (East side)								
	0.00	30.00	2	30.00	0.15	0.58	5.22	
	30.00	60.00	2	30.00	0.15	0.60	5.40	
	60.00	90.00	2	30.00	0.15	0.58	5.22	
	90.00	120.00	2	30.00	0.15	0.60	5.40	
	120.00	143.10	2	23.10	0.15	0.59	4.09	

Junior/Assistant Engineer

Assistant Executive Engineer

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SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
1st cross road(West side)								
	0.00	30.00	2	30.00	0.15	0.56	5.04	
	30.00	60.00	2	30.00	0.15	0.60	5.40	
	60.00	90.00	2	30.00	0.15	0.70	6.30	
	90.00	120.00	2	30.00	0.15	0.62	5.58	
	120.00	150.00	2	30.00	0.15	0.59	5.31	
	150.00	156.10	2	6.10	0.15	0.55	1.01	
2nd cross road(East side)								
	0.00	30.00	2	30.00	0.15	0.58	5.22	
	30.00	60.00	2	30.00	0.15	0.60	5.40	
	60.00	90.00	2	30.00	0.15	0.62	5.58	
	90.00	120.00	2	30.00	0.15	0.58	5.22	
	120.00	143.40	2	23.40	0.15	0.58	4.07	
2nd Cross road(West Side)								
	0.00	30.00	2	30.00	0.15	0.55	4.95	
	30.00	60.00	2	30.00	0.15	0.58	5.22	
	60.00	90.00	2	30.00	0.15	0.59	5.31	
	90.00	120.00	2	30.00	0.15	0.60	5.40	
	120.00	150.00	2	30.00	0.15	0.60	5.40	
	150.00	150.40	2	0.40	0.15	0.55	0.07	
3rd Cross road(East Side)								
	0.00	16.00	2	16.00	0.15	0.50	2.40	
	16.00	24.00	2	8.00	cross road			
	24.00	54.00	2	30.00	0.15	0.60	5.40	
	54.00	84.00	2	30.00	0.15	0.58	5.22	
	84.00	114.00	2	30.00	0.15	0.60	5.40	
	114.00	144.00	2	30.00	0.15	0.58	5.22	
	144.00	157.50	2	13.50	0.15	0.58	2.35	
3rd Cross Road (West Side)								

Junior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	0.00	30.00	2	30.00	0.15	0.55	4.95	
	30.00	60.00	2	30.00	0.15	0.58	5.22	
	60.00	90.00	2	30.00	0.15	0.59	5.31	
	90.00	120.00	2	30.00	0.15	0.60	5.40	
	120.00	144.30	2	24.30	0.15	0.59	4.30	
1st A Cross Road (North Side)								
	0.00	30.00	2	30.00	0.15	0.56	5.04	
	30.00	30.30	2	0.30	0.15	0.58	0.05	
	30.30	38.80	2	8.50	cross road			
	38.80	68.80	2	30.00	0.15	0.59	5.31	
	68.80	70.50	2	1.70	0.15	0.58	0.30	
1st A Cross Road (South Side)								
	0.00	30.00	2	30.00	0.15	0.85	4.95	
	30.00	60.00	2	30.00	0.15	0.58	5.22	
	60.00	83.10	2	23.10	0.15	0.55	3.81	
Kashinagar (North Side)								
	0.00	30.00	2	30.00	0.15	0.50	4.50	
	30.00	60.00	2	30.00	0.15	0.85	4.95	
	60.00	90.00	2	30.00	0.15	0.56	5.04	
	90.00	120.00	2	30.00	0.15	0.59	5.22	
	120.00	150.00	2	30.00	0.15	0.57	5.13	
	150.00	180.00	2	30.00	0.15	0.60	5.40	
	180.00	210.00	2	30.00	0.15	0.59	5.31	
	210.00	240.00	2	30.00	0.15	0.58	5.22	
	240.00	270.00	2	30.00	0.15	0.60	5.40	
	270.00	282.20	2	12.20	0.15	0.55	2.01	
Perpendicular Road (West Side)								
	0.00	30.00	2	30.00	0.15	0.50	4.50	
	30.00	49.80	2	19.80	0.15	0.55	3.27	

Junior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
1st Parallel Road (South Side)								
	0.00	30.00	2	30.00	0.15	0.50	4.50	
	30.00	60.00	2	30.00	0.15	0.58	5.22	
	60.00	90.00	2	30.00	0.15	0.61	5.49	
	90.00	120.00	2	30.00	0.15	0.58	5.22	
	120.00	150.00	2	30.00	0.15	0.59	5.31	
	150.00	170.10	2	20.10	0.15	0.55	3.32	
1st Parallel Road (North Side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	60.00	2	30.00	0.15	0.50	4.50	
	60.00	90.00	2	30.00	0.15	0.55	4.95	
	90.00	120.00	2	30.00	0.15	0.56	5.04	
	120.00	150.00	2	30.00	0.15	0.58	5.22	
	150.00	168.20	2	18.20	0.15	0.49	2.68	
2nd Parallel Road (South Side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	60.00	2	30.00	0.15	0.48	4.32	
	60.00	71.20	2	11.20	0.15	0.45	1.51	
2nd Parallel Road (North Side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	60.00	2	30.00	0.15	0.50	4.50	
	60.00	71.00	2	11.00	0.15	0.45	1.49	
Perpendicular Road (East Side)								
	0.00	15.60	2	15.60	0.15	0.45	2.11	
	15.60	21.20	2	5.60	cross road			
	21.20	35.80	2	14.60	0.15	0.45	1.97	
Hoysala Layout								
2nd Cross Road (North side)								

C&F 22/10/2020

nior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	54.50	2	24.50	0.15	0.45	3.31	
2nd Cross Road (South side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	51.90	2	21.90	0.15	0.45	2.96	
3rd Cross Road (North side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	53.70	2	23.70	0.15	0.45	3.20	
3rd Cross Road (South side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	54.30	2	24.30	0.15	0.47	3.43	
4th Cross Road (North side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	51.20	2	21.20	0.15	0.45	2.86	
4th Cross Road (South side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	41.60	2	11.60	0.15	0.50	1.74	
Perpendicular Road (West side)								
	0.00	30.00	2	30.00	0.15	0.45	4.05	
	30.00	60.00	2	30.00	0.15	0.48	4.32	
	60.00	62.80	2	2.80	0.15	0.45	0.38	
Perpendicular Road (East side)								
	0.00	28.40	2	28.40	0.15	0.45	3.83	
Gangamma Layout 2nd Cross Road								
	0.00	30.00	2	30.00	0.15	0.40	3.60	
	30.00	60.00	2	30.00	0.15	0.50	4.50	
	60.00	90.00	2	30.00	0.15	0.48	4.32	

Junior/Assistant Engineer

C&FC
Assistant Executive Engineer
18/11/2

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	90.00	105.60	2	15.60	0.15	0.45	2.11	
Sahakara Nagara 9th cross road								
	0.00	23.00	2	23.00	0.15	0.50	3.45	
RCC CULVERT								
Padma Tent Road								
	0.00	7.60	2	7.60	0.23	0.50	1.75	
Kashinagar								
	0.00	3.10	2	3.10	0.23	0.47	0.67	
	0.00	5.60	2	5.60	0.23	0.50	1.29	
Approaches(For house side drain wall)								
			1	10.20	0.15	0.50	0.77	
			1	9.10	0.10	0.40	0.36	
			1	11.50	0.10	0.50	0.58	
			1	11.20	0.15	0.55	0.92	
			1	11.00	0.15	0.60	0.99	
Total Qty Work Done							**831.84**	
Qty Payable in this bill							**832.00**	
Qty Considered							**831.84**	**Cum**

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Project

Asst.Executive Engineer
Yelahanka Project

Junior/Assistant Engineer

Assistant Executive Engineer

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Amruthahalli and surroundings

Ward No - 07

Item No:	4	
Item Name:	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, paicing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	

Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit
Date of Measurement:- 03/10/2020, 7/10/2020, 30/10/2020								
RCC Drain								
AMRUTHALLI								
Padma Tent Road(North side)								
1	8	1	12	82.00	984.00	0.40	388.74	
2	10	1	820	2.40	1968.00	0.62	1214.81	
Padma Tent Road(South side)								
1	8	1	12	79.90	958.80	0.40	378.79	
2	10	1	799	2.40	1917.60	0.62	1183.70	
1st cross road (East side)								
1	8	1	12	143.30	1717.20	0.40	678.40	
2	10	1	1431	2.40	3434.40	0.62	2120.00	
1st cross road(West side)								
1	8	1	12	156.10	1873.20	0.40	740.03	
2	10	1	1561	2.40	3746.40	0.62	2312.59	
2nd cross road(East side)								
1	8	1	12	143.40	1720.80	0.40	679.82	
2	10	1	1434	2.40	3441.60	0.62	2124.44	
2nd Cross road(West Side)								
1	8	1	12	150.40	1804.80	0.40	713.01	
2	10	1	1504	2.40	3609.60	0.62	2228.15	
3rd Cross road(East Side)								

Junior/Assistant Engineer

Assistant Executive Engineer

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